

CLAIMS:

1. A golf ball comprising a portion formed of a golf ball-forming composition having blended therein at least one of a silicone rubber powder, a silicone resin powder, and a composite powder thereof.
2. The golf ball of claim 1 wherein the composite powder comprises silicone rubber particles surface coated with a silicone resin.
3. The golf ball of claim 1 wherein the silicone rubber powder comprises crosslinked dimethylpolysiloxane or methylphenylpolysiloxane microparticulates or both.
4. The golf ball of claim 1 wherein the silicone resin powder comprises cured polyorganosilsesquioxane microparticulates.
5. The golf ball of claim 1 wherein the silicone rubber powder, silicone resin powder, and composite powder thereof have a particle size of 0.5 to 50 μm and a particle size distribution ranging from 0.1 to 100 μm .
6. The golf ball of claim 1 wherein the silicone rubber powder, silicone resin powder, and composite powder thereof are blended in an amount of 0.5 to 50% by weight of the composition.
7. The golf ball of claim 1 wherein the silicone rubber powder, silicone resin powder, and composite powder thereof comprise spherical particles.
8. The golf ball of claim 1 wherein the silicone rubber powder, silicone resin powder, and composite powder thereof have functional groups.

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9. The golf ball of claim 1 wherein the golf ball-forming composition is at least one member selected from the group consisting of a one-piece golf ball material, a core material and a cover material for a two-piece golf ball, a core material, an intermediate layer material and a cover material for a multi-piece golf ball having at least three pieces.

10. The golf ball of claim 1 wherein the golf ball-forming composition is based on at least one member selected from the group consisting of an ethylene ionomer resin, polyester elastomer, polyurethane elastomer, polyolefin elastomer, polyamide elastomer, polyolefin resin, and styrene block copolymer.

11. The golf ball of claim 10 wherein the ethylene ionomer resin is an ethylene-(meth)acrylic acid copolymer neutralized with a monovalent or divalent metal ion or both or an ethylene-(meth)acrylic acid-(meth)acrylate terpolymer neutralized with a metal ion.

12. The golf ball of claim 10 wherein the ethylene ionomer resin has a Shore D hardness of 40 to 80 and a (meth)acrylic acid content of 5 to 25% by weight.

13. The golf ball of claim 1 wherein the golf ball-forming composition is based on a rubber material comprising a polybutadiene containing at least 40% of cis-1,4 bonds and an unsaturated carboxylic acid or metal ion or both for crosslinking the polybutadiene.